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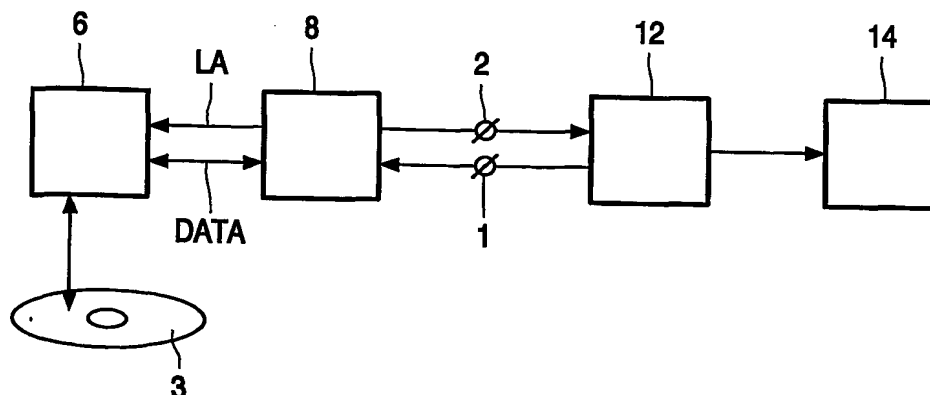
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(54) Title: ALLOCATION AND SCHEDULING STRATEGY FOR IMPROVED TRICK PLAY PERFORMANCE AND TEMPORAL SCALABILITY



(57) Abstract: A method and apparatus for recording a data stream on a storage medium for improving non-linear playback performance of the recorded data is disclosed. First, the data stream is received. The I-pictures from the data stream are stored in a first buffer and the remaining data from the data stream is stored in a second buffer. Each time the first buffer becomes full, the I-pictures stored in the first buffer are written onto an intra-coded allocation unit on the storage medium. Then, the contents of the second buffer are written onto preferably a subsequent inter-coded allocation unit.

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